

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003313.D
 Acq On : 23 Jul 2020 13:43
 Operator : SY/MD
 Sample : VY0723SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 12:58:30 PM

Quant Time: Jul 24 05:21:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	449182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	651181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	610420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	333246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	188180	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.72	113	179890	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	10.18	98	667329	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.48	95	245983	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	71409	22.181	ug/l	99
3) Chloromethane	2.12	50	93829	21.012	ug/l	99
4) Vinyl Chloride	2.25	62	99434	21.702	ug/l	97
5) Bromomethane	2.64	94	76240	22.403	ug/l	98
6) Chloroethane	2.79	64	62441	20.749	ug/l	100
7) Trichlorofluoromethane	3.13	101	141155	21.573	ug/l	100
8) Diethyl Ether	3.53	74	47364	21.602	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	83220	21.059	ug/l	98
10) Methyl Iodide	4.10	142	80069	18.649	ug/l	98
11) Tert butyl alcohol	4.96	59	49160	119.916	ug/l	97
12) 1,1-Dichloroethene	3.88	96	79737	21.333	ug/l	95
13) Acrolein	3.73	56	27445	77.130	ug/l	96
14) Allyl chloride	4.49	41	127470	22.983	ug/l	95
15) Acrylonitrile	5.17	53	121510	115.368	ug/l	99
16) Acetone	3.95	43	105289	124.330	ug/l	100
17) Carbon Disulfide	4.19	76	244360	21.305	ug/l	99
18) Methyl Acetate	4.49	43	58390	24.828	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	225487	21.527	ug/l	98
20) Methylene Chloride	4.72	84	103583	21.138	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	88410	20.912	ug/l	89
22) Diisopropyl ether	6.12	45	279242	22.686	ug/l	98
23) Vinyl Acetate	6.07	43	919901	112.123	ug/l	99
24) 1,1-Dichloroethane	6.02	63	153629	21.543	ug/l	99
25) 2-Butanone	6.99	43	164362	118.207	ug/l	98
26) 2,2-Dichloropropane	6.99	77	143113	22.284	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	99796	21.440	ug/l	98
28) Bromochloromethane	7.34	49	73374	23.765	ug/l	94
29) Tetrahydrofuran	7.35	42	109929	117.686	ug/l	96
30) Chloroform	7.52	83	153038	20.836	ug/l	97
31) Cyclohexane	7.79	56	148922	21.596	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	140651	21.271	ug/l	99
36) 1,1-Dichloropropene	7.92	75	124248	21.052	ug/l	99
37) Ethyl Acetate	7.08	43	76292	24.004	ug/l	97
38) Carbon Tetrachloride	7.90	117	130064	21.347	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	155827	21.018	ug/l	95
40) Benzene	8.16	78	346787	21.340	ug/l	97
41) Methacrylonitrile	7.32	41	39287m	20.524	ug/l	
42) 1,2-Dichloroethane	8.24	62	105271	21.042	ug/l	100
43) Isopropyl Acetate	8.27	43	140515	22.840	ug/l	97
44) Trichloroethene	8.94	130	99466	19.966	ug/l	96
45) 1,2-Dichloropropane	9.22	63	91326	21.719	ug/l	98
46) Dibromomethane	9.31	93	51195	20.845	ug/l	98
47) Bromodichloromethane	9.50	83	123972	21.224	ug/l	95
48) Methyl methacrylate	9.30	41	61742	22.449	ug/l	97
49) 1,4-Dioxane	9.30	88	14629	469.330	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	372630	116.532	ug/l	98
52) Toluene	10.24	92	217925	20.981	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	132409	21.879	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	147759	21.190	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	75123	21.586	ug/l	99
56) Ethyl methacrylate	10.51	69	103499	21.875	ug/l	99
57) 1,3-Dichloropropane	10.79	76	128760	21.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	280137	116.094	ug/l	99
59) 2-Hexanone	10.83	43	262770	117.718	ug/l	99
60) Dibromochloromethane	10.99	129	92636	21.163	ug/l	98
61) 1,2-Dibromoethane	11.09	107	71395	20.786	ug/l	99
64) Tetrachloroethene	10.72	164	102167	18.771	ug/l	95
65) Chlorobenzene	11.52	112	243047	20.668	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	94372	20.663	ug/l	99
67) Ethyl Benzene	11.59	91	439979	20.955	ug/l	97
68) m/p-Xylenes	11.70	106	329069	41.306	ug/l	99
69) o-Xylene	12.03	106	156558	21.035	ug/l	99
70) Styrene	12.04	104	265460	20.850	ug/l	98
71) Bromoform	12.20	173	61902	20.650	ug/l #	96
73) Isopropylbenzene	12.33	105	432794	20.380	ug/l	99
74) N-amyl acetate	12.14	43	130458	21.894	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	88390	21.550	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	73381m	24.877	ug/l	
77) Bromobenzene	12.61	156	111222	20.546	ug/l	97
78) n-propylbenzene	12.67	91	520649	20.799	ug/l	99
79) 2-Chlorotoluene	12.75	91	284026	20.336	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	362322	20.470	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	31417	20.728	ug/l	97
82) 4-Chlorotoluene	12.85	91	298403	20.470	ug/l	100
83) tert-Butylbenzene	13.07	119	314010	20.106	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	364971	20.494	ug/l	99
85) sec-Butylbenzene	13.25	105	450966	21.009	ug/l	99
86) p-Isopropyltoluene	13.37	119	415974	20.754	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	209014	20.418	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	205715	20.298	ug/l	99
89) n-Butylbenzene	13.69	91	405776	21.524	ug/l	99
90) Hexachloroethane	13.95	117	77986	21.366	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	185596	20.660	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15013	22.578	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	136220	21.315	ug/l	99
94) Hexachlorobutadiene	15.11	225	87137	19.898	ug/l	97
95) Naphthalene	15.23	128	230899	21.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	107467	21.272	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

